Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 15 Jun 2023 until 23:59 on Friday 16 Jun 2023

Forecast Issued on Wednesday 14 Jun 2023 at 15:57

Confidence: High for generally fine weather, but lower confidence for cloud details and chance of any thunderstorms by Friday and weekend.

Headline for Thursday 15 Jun 2023: A fine day is most likely with lengthy clear or sunny spells. Very warm by afternoon.

Mountain weather hazards on Thursday 15 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Sunny	Sunny intervals	Sunny	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	10%	10%	10%	<05%

Forecast for Thursday 15 Jun 2023

Weather: Long clear spells in the early hours of Thursday morning leading to a largely fine day with possible early mist in some valleys soon clearing after dawn to leave plenty of strong sunshine. Feeling very warm or hot at most elevations by afternoon with easterly winds remaining light at all elevations giving minimal cooling effects. Low risk of an isolated thunderstorm developing during the afternoon and into the evening period, mostly across south of the National Park.

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: No significant lower cloud forecast with very good visibility throughout, affording good views of distant hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 15 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/24 E	12/20 E	9/16 E	10/15 E	9/13 SE	10/15 E	14/20 E	12/21 E	13/21 SE
300	9/17 NE	7/14 NE	7/11 NE	9/13 E	9/13 E	5/9 E	12/19 E	11/21 E	10/20 E
Valley	14/24 E	11/17 E	11/17 E	10/15 E	8/13 SE	6/11 NE	10/19 E	11/19 E	8/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	13/11	13/11	15/13	18/16	20/17	18/15	16/13	14/12
300	14/12	13/12	14/13	18/17	21/19	23/22	21/18	18/15	16/14
Valley	14/11	14/12	15/13	20/18	23/21	24/22	22/20	18/16	16/15
Freezing Level*	2200m	2100m	2100m	2100m	2300m	2600m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels in strong sunshine and very warm temperatures mean that appropriate sun protection and adequate hydration is recommended. Moderate air pollution also forecast, mainly in afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 14 Jun 2023	0mm	3mm	3mm

Forecast for Friday 16 Jun 2023

Weather: A dry, warm and sunny morning. Low risk of cloud bubbling up in afternoon and early evening to give an isolated thunderstorm. Light easterly or northeasterly winds, but possibly higher gusts near any thunderstorm. Perhaps rather more cloud developing above summits for a time, compared to recent days.

Maximum wind: Easterly around 20mph.

Chance of cloud-free hill tops above 600m: 100%.

Low cloud and visibility: Good or very good visibility, with clear views of distant hills, but reducing to moderate near any thunderstorms.

Temperature: **Valleys:** Plus 13 degrees Celsius becoming plus 28 degrees Celsius by late afternoon
At 600m: Plus 11 degrees Celsius becoming plus 20 degrees Celsius by late afternoon
Freezing level: Well above summits.

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